FANDEEV, B. V.

Kholmogorsk cattle Moskva, Gos. izd-vo sel'khoz. lit-ry, 1954. 75 p.

PANDEYEV, B.V

YESAULOV, P.A., kandidat sel'skokhozyaystvennykh nauk; ALIKAYEV, V.A., kandidat veterinarnykh nauk; GRUDEV, D.I., kandidat sel'skokhozyaystvennykh nauk; DOROKHOV, S.M.; TARANOV, G.F., kandidat sel'skokhozyaystvennykh nauk; PANDEYEV, B.V., kandidat sel'skokhozyaystvennykh nauk; SHAIN, S.S., professor; PETROVSKAYA, A.P., redaktor; TATAPOV, M.I., tekhnicheskiy redaktor

[Fundamentals of stockbreeding; a textbook for students in secondary rural schools] Osnovy zhivotnovodstva; uchebnoe posobie dlia uchashchikhsia sel'skoi srednei shkoly. Pod red. P.A.Esaulova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 294 p. (MLRA 10:1)

1. Starshiy spetsialist Ministerstva sel'skogo khozyaystva SSSR (for Dorokhov)

(Stock and stockbreeding)

SAVICH, Igor Aleksandrovich, PANDEYEV, Boris Vasil'yevich.; BOYARSKAYA, L.S., red.; GOR'KOVA, Z.D., tekhn. red.

[Breeding swine and dairy cattle in the German Democratic Republic] Svinovodstvo i molochnoe zhivotnovodstvo v GDR. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 199 p. (MIRA 11:10)
(Germany, East--Swine)
(Germany, East--Dairy cattle)

FANDEYEV, B.V., kand.sel'skokhozyaystvennykh nauk, dotsent; BURENINA, Ye.P., kand.biologicheskikh nauk

Milk production of the hybrids of the Black and White cattle and the Red Gorbatov cattle. Izv. TSKhA no.4:105-112 '61. (MIRA 14:9)

(Dairy cattle)

CHUDNOVSKIY, Yu.A., inzh.; GOGICHASHVILI, T.A.; FANDEYEV, I.I.; BAKLAYKIN, V.Ya.

New semimounted assembly method for a span. Transp. stroi. 11 no.8:17-19 Ag '61. (MIRA 14:9)
(Ob' River--Bridge construction)

FANDEYEV, B.V., dotsent; BURENINA, Ye.P., nauchnyy sotrudnik

Transformation of morphological blood indices in hybrid animals during their growth. Izv. TSKHA no.5:135-140 '62. (MIRA 16:7)

(Blood—Analysis and chemistry)
(Cattle—Physiology)

FANDEYEV, B.V., dotsent, kand. sel'skokhoz. nauk, [illegible], Yel., mladshiy nauchnyy sotrudnik

Composition of the milk of hybrid cows produced by crossbreeding and triple breeding. Izv. TSKHA no.2:165-172 '65. (MIRA 18:9)

1. Kafedra molochnogo i myasnogo skotovodstva Moskovskoy akademii sel'skokhozyaystvennykh nauk imeni Timiryazeva.

FANDEYEV, L. I. PA 47/49T84

USSR/Medicine - Skin Diseases, Therapy Mar/Apr 49
Medicine - Chemotherapy, Carbonic Acid

"Peculiarities in Skin Diseases During Outbreaks of Pellagra," L. I. Fandeyev, Cand Med Sci, Gor'kiy Med Inst imeni S. M. Kirov, 3½ pp

"Vest Venerol i Dermatol" No 2 - p. 22-6

Claims solid carbonic acid should be accepted as an effective therapeutic in dermatology, equal to roentgenotherapy and radiotherapy. Solid carbonic acid should be used more widely because of its accessibility, practicability, nontoxicity, and absence of aftereffect.

47/49T84

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Fandeyev, L. I. - "Peculiarities in skin diseases during outbreaks of pellagra," Vestnik Venerologii i Dermatologii, 1949, No. 2, p. 26-29

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

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31078. FANDEYEV, L. I. AND ASHURKOV, YE. D.

Vyyavlenie istochnikov zarazheniya-vazhneyshaya zadacha. Vestnik venerologin i dermatologii, 1949, No. 5, s. 17-22

ASHURKOV, Ye.D; FANDEYEV, L. I.

Program of dermosyphilography for control of venereal diseases. Vest. vener. no.5:17-19 Sept-Oct 1950. (CLML 20:1)

1. Of the Social Hygiene Department (Head -- Prof. S. M. Danyushevskiy), Central Skin-Venereological Institute (Director -- Candidate Medical Sciences N. M. Turanov).

FANDEYEV, L. I.

VISHNEVETSKII, A. M., FANDEEV, L. I.

Dermatitis, resembling scarlet fever, caused by Spongilla fluviatilis. Sovet Med. No. 11, Nov. 50. p. 27-8

1. Of the Skin Clinic (Head -- Prof. L. N. Mashkilleyson), Central Skin-Venereological Institute (Director -- Candidate Medical Sciences N. M. Turanov), Ministry of Public Health SSSR.

CLML 20, 3, March 1951

ASHURKOV, Ye.D.; FANDEYEV, L.I.

Critique of bourgeois falsifiers in venereology. Vest. vener., Moskva no. 5:21-26 Sept-Oct 1952. (CIML 23:3)

1. Candidates Medical Sciences. 2. Of the Institute for Public Health Organization and History of Medicine imeni N. A. Semashko, Academy of Medical Sciences USSR and of the Central Skin-Venereological Institute (Director -- Candidate Medical Sciences N. M. Turanov).

FANDEYEV, L. I.

232T46

USSR/Medicine - Staphylococcus Anti- Nov 52
phagin, Staphylococcus
Anatoxin

"Prevention of Suppurative Diseases," L. I. Fandeyev, Med Sci

"Med Sestra" No 11, pp 14-17

Since pyoderma and other skin diseases cause the loss of a large number of man-hours, preventive measures and immediate treatment of minor injuries which may lead to them must be the primary objective of a medical worker. Because disturbance in

232T46

the general well-being of an organism and disorder of the central nervous system contribute to purulent diseases of the skin, medical workers must reduce adverse effects of external conditions particularly where the climate or the type of work occupies a unique position as a contributing factor. Penicillin and sulfanilamides can be used in the treatment of pyoderma. Immunity can be created by injection of staphylococcus anatoxin, staphylococcus antiphagin, and autohemotherapy.

232T46

ASHURKOV, Ye.D.; PANDEYEV, L.I.

Organization of control of venereal diseases in rural areas. Sovet. med. 16 no. 6:37-39 June 1952. (CLML 22:4)

1. Candidates Medical Sciences. 2. Of the Social Hygiene Department (Head -- Prof. S. M. Danyushevskiy), Central Skin-Venereological Institute (Director -- Candidate Medical Sciences N. M. Turanov), Ministry of Public Health USSR.

PANDEYEV, L.I.

[Prophylaxis of suppuration processes; material to aid a lecturer] Profilaktika gnoinichkovykh zabolevanii; material v pomoshch lektoru. Izd. 2, ispr. Moskva, Izd. In-ta sanitarnogo prosveshcheniia, 1953. 37 p. (MLRA 7:11)

(Suppuration) (Skin--Diseases)

BAGAYEVA, M.I., kandidat meditsinskikh nauk; FANDEYEV, L.I., kandidat meditsinskikh nauk [authors].

Papillary and pigmentary dystrophy. Vest.ven.i derm. no.4:60 Jl-Ag '53. (MLRA 6:9)

1. TSentral'nyy kozhno-venerologicheskiy institut.
(Skin--Diseases) (Cancer)

FANDEYEV, LEONID IVANOVICH

FANDEYEV, Leonid Ivanovich, dotsent; ARIYEVICH, A.M., redaktor; BEL'CHIKOVA, Yu.Z., tekhnicheskiy redaktor.

[Skin and venereal diseases] Kozhnye i venericheskie bolezni. Moskva, Gos. izd-vo med. lit-ry, 1954. 361 p. (MLRA 8:1)
(Venereal diseases) (Skin--Diseases)

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FANDEEV, L. I.

From the Russian for Mr. Ernest M. Allen
(photocopy of) Sovetskaia Meditsina (7): 31-33; 1954.

Bourgeois Venereology at an Impasse
by
E. D. Ashurkov (candidate of medical sciences) and L. I. Fandeev.

(From the N.A. Semashko Institute of the Public Health Organization and Medical History of the Academy of Medical Sciences of the USSR (Dir.: E. D. Ashurkov) and from the Chair of Skin and Venereal Diseases (Head: L.I. Fandeev) of the Kaunas Medical Institute (Dir.: A. N. Edigarov).)

Translated at the National Institutes of Health, Bethesda, Maryland.
Full translation available in [redacted]/M.

FANDEYEV, L.I.

BAKSHT, B.P.

"Skin and venereal diseases." L.I.Fandeev, Reviewed by B.P. Baksht. Vest. ven. i derm.no.3:58-59 My-Je '55. (MLRA 8:10)
(SKIN--DISEASES) VENEREAL DISEASES) (FANDEEV, L.I.)

TORSUYEV, N.A., professor; PANDEYEV, L.I., dotsent

All-Union Conference on treatment classification of leprosy.
Vest.ven.iderm.no.3:62-63 My-Je '55. (MLRA 8:10)
(LEPROSY)

FANDEYEV, L.I., dotsent (Kaunas)

Clinical aspects and therapy of eczema. L.I. Fandeev. Fel'd. i akush. no.11:14-20 N '55. (MLRA 9:2)

(ECZEMA)

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[Pustular diseases of the skin] Gnoinichkovye zabolevaniia kozhi. Moskva, Medgiz. 1956. 37 p. (MIRA 11:9)
(SKIN—DISEASES)

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Pathogenesis and treatment of lupus erythematosus; review of foreign literature. Vest.ven. i derm. 30 no.6:27-34 N-D '56. (MLRA 10:2)
(LUPUS ERYTHEMATOSUS,
pathogen. & ther., review)

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[Prophylaxis of pustular diseases] Profilaktika gnoinichkovykh zabolevanii. Izd. 3-e, ispr. i dop. Moskva, Institut sanitarnogo prosveshcheniia ministerstva zdravookhraneniia SSSR, 1957. 37 p.
(SKIN--DISEASES) (MIRA 11:5)

EXCERPTA MEDICA Sec.13 Vol.12/5 Dermatology,etc. May 58

FANDEYEV, L. I.

886. THE TEACHING OF SKIN AND VENEREAL DISEASES IN MEDICAL INSTITUTES (Russian text) - Fandeev L. I. - VESTN. DERM. VENER. 1957, 31/4 (34-35)

The number of hours reserved at present for teaching dermato-venereology in the medical institutions is insufficient; in particular more hours should be given to practical training. Most institutions are in need of a means of instruction. Permanent control of the students' progress is necessary.

Kraus - Hradec Králové (XIII, 17[illegible])

PANDEYEV, L.I., dots.; ARANE, M.E.; BILITE, I.V. [Bylyte, I.V.]

Observations on synthomycin therapy in syphilis [with summary in English]. Vest.derm. i ven. 31 no.6:32-36 N-D '57. (MIRA 11:3)

1. Iz kafedry koshnykh i venericheskikh bolezney (zav. - dotsent L.I.Pandeyev) Kaunasskogo meditsinskogo instituta (dir. - prof. Z.I.Yanushkyavichus) i Kaunasskogo koshno-venerologicheskogo dispansera (glavnyy vrach V.G.Shmuylite)

(CHLORAMPHENICOL, ther. use
syphilis)
(SYPHILIS, ther.
chloramphenicol)

PANDEYEV, Leonid Ivanovich

[Skin and venereal diseases] Kozhnye i venericheskie bolezni. Izd.2., perer. Moskva, Medgiz, 1958. (MIRA 12:2)
(SKIN--DISEASES) (VENEREAL DISEASES)

PANDEYEV, Leonid Ivanovich, dots.; BELEN'KIY, G.B., red.; GABERLAND, M.I., tekhn. red.

[Eczema] Ekzema. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1958. 62 p. (MIRA 11:8)

(ECZEMA)

FANDEYEV, L.I., dots.

"Penicillin pyrotherapy in syphilis" by A.A. Studnitsin. Reviewed by L.I. Fandeev. Sov. med. 23 no.3:146-147 Mr '59. (MIRA 12:4)
(SYPHILIS) (PENICILLIN) (FEVER THERAPY)
(STUDNITSIN, A.A.)

FANDEYEV, L.I.

Some facts about favus in Pskov Gubernia. Vest.derm.i ven. 34 no.6:52-56 '60. (MIRA 13:12)
(PSKOV GOVERNMENT—FAVUS)

FANDEYEV, L.I., dotsent; SHIPITSINA, L.A.

Occupational dermatoses caused by bakelite glue. Vest.derm. i ven. 34 no.2:40-42 F '60. (MIRA 13:12)

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(OCCUPATIONAL DERMATITIS etiol.)
(PLASTICS toxicol.)

FANDEYEV, L.I., dotsent; SERDYUKOVA, G.I.

Acrodermatitis enteropathica. Vest.derm.i ven. [35] no.2:15-21 F '61. (MIRA 14:3)

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(SKIN—DISEASES) (MONILIASIS)

FANDEYEV, L.I., dotsent; BORODINA, S.Z.

Occupational dermatoses caused by sexivalent chromium in workers of a machine construction plant. Vest.derm.i ven. no.8:26-30 '61. (MIRA 15:5)

(SKIN--DISEASES) (CHROMIUM--TOXICOLOGY)

FANDEYEV, Leonid Ivanovich, dots.; ARIYEVICH, A.M., red.; BALDINA, N.F., tekhn. red.

[Skin and venereal diseases] Kozhnye i venericheskie bolezni. Izd.3., perer. i sokrashchennoe. Moskva, Medgiz, 1962. 409 p. (MIRA 15:6)

(SKIN—DISEASES) (VENEREAL DISEASES)

FANDEYEV, L. I., dotsent

Classification of dermatomycoses and mycological terminology. Vest. derm. i ven. no.4:23-27 '62. (MIRA 15:4)

1. Iz kafedry kozhnykh bolezney (zav. - dotsent L. I. Fandeyev) Izhevskogo meditsinskogo instituta (dir. - kandidat meditsinskikh nauk A. M. Zagrebin)

(MEDICAL MYCOLOGY--TERMINOLOGY)
(DERMATOMYCOSIS--CLASSIFICATION)

FANDEYEV, L.I.; ARTEM'YEVA, Ye.T.

Treatment in mycoses of the scalp with 4% epilin plaster. Vest. derm. i ven. 37 no.2:78-80 F'63. (MIRA 16:10)

1. Iz kafedry bolezney (zav. - dotsent L.I.Fandeyev) Izhevskogo meditsinskogo instituta.

FANDEYEV, L.I.

Favus and military recruiting in czarist Russia in the 18th century and the first half of the 19th century. Vest. derm. i ven. 37 no.12:60-64 D '63 (MIRA 18:1)

1. Kafedra kozhnykh i venericheskikh bolezney (zav. - dotsent L.I. Fandeyev) Izhevskogo meditsinskogo instituta.

FANDEYEV, L.I., dotsent; LEBEDEVA, G.V.; SERDYUKOVA, G.I.

Treatment of eczema with aminazine. Vest. derm. i ven. no.3:46-49 '65. (MIRA 18:11)

1. Kafedra kozhnykh bolezney (zav. - dotsent L.I. Fandeyev) Izhevskogo meditsinskogo instituta i Udmurtskiy respublikanskiy kozhno-venerologicheskiy dispanser (glavnyy vrach V.P. Konenkova).

FANDEYEV, V. V.

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SO: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

KARPOV, I.M., kandidat tekhnicheskikh nauk; PANDEYEV, V.V., dotsent, kandidat tekhnicheskikh nauk; ZAMARIN, Ye.A., zasluzhennyy deyatel' nauki i tekhniki, professor doktor tekhnicheskikh nauk, redaktor; VORONIN, K.P., tekhnicheskiy redaktor.

[Canals] Kanaly. Pod red. Ye.A.Zamarina. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture, 1951. 87 p. [Microfilm] (MLRA 9:6)
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1. FANDEEV, V. V.

2. USSR (600)

4. Spillways

7. Shortcomings of some spillway structures in the central black-earth provinces. Gidr. i mel. 4 no. 10, 1952.

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ZAMARIN, Ye.A., doktor tekhnicheskikh nauk; FANDEYEV, V.V.; RYABYSHEV, M.G., redaktor; SOKOLOVA, N.N., tekhnicheskiy redaktor

[Hydraulic installations] Gidrotekhnicheskie sooruzheniia. 3. izd. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 559 p. (MLRA 7:9)
(Hydraulic engineering)

FANDEYEV, Vasiliy Vasil'yevich, kandidat tekhnicheskikh nauk; RYABYSHEV, M.G., redaktor; VESKOVA, Ye.I., tekhnicheskiy redaktor

[Water supply dam with bottom grater] Vodozabornye plotiny s donnymi reshetkami. Moskva, Gos.izd-vo selkhoz. lit-ry, 1955. 134 p. (Dams) (MLRA 9:2)

~~FANDEYEV, V.V.~~
FANDEYEV, V.V.

5

#6 1141. Fandeyev, V. V., Particularity of a formula for critical slope (in Russian), *Nauk Zap. Moskovskogo Inst. Vodnogo Khozyaistva* 18, 53-68, 1955: Rev. 200, *Ref. Zh. Mekh.* 1956

Relationships of a critical slope in trapezoidal (including rectangular and triangular) and circular channels are completely treated. The Chezy factor is applied in an exponential from according to N. N. Pavlovskiĭ's formula. Tables and diagrams are given for critical slopes; relationship between critical slope and Froude number is shown. Practical instructions are given for application to spillways with critical slope, and examples of computation are added.

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Courtesy of Referativnyi Zhurnal.
Translated by S. Kolupaila, USA.

G. K. Mikhailov, USSR

SITKOVSKIY, P.A.; KOMAROV, G.V.; BRUSENTSEV, V.F.; KREMENETSKIY, N.N.; MAMAYEV, M.G., kand.tekhn.nauk; SMIRNOV, A.V., kand.tekhn.nauk; AFANAS'YEV, I.V.; VOLOD'KO, I.F., kand.tekhn.nauk; BEGLYAROV, S.A.; KONDRAT'YEV, V.V.; KARLINSKAYA, M.I.; NIKOLAYEV, M.I., kand.tekhn. nauk; DOROKHOV, S.M.; PISHCHUROV, P.V.; KLIMENTOVA, A.V.; ROZENBLAT, Zh.I.; PANDEYEV, V.V., kand.tekhn.nauk; KULIKOV, P.Ye.; SHIMANOVICH, S.V.; DELITSIN, M.V., retsenzent; BRAUDE, I.D., retsenzent; BARYSHEV, A.M., retsenzent; GRIGORYANTS, A.S., retsenzent; IGNATYUK, G.L., retsenzent; KALABUGIN, A.Ya., retsenzent; KREMENETSKIY, N.D., retsenzent; POPOV, K.V., retsenzent; ORLOVA, V.P., red.; LETNEV, V.Ya., red.; SOKOLOVA, N.N., tekhn.red.; FEDOTOVA, A.F., tekhn.red.

[Handbook for hydraulic and agricultural engineers] Spravochnik gidrotekhnika melioratora. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958. 766 p. (MIRA 12:3)
(Hydraulic engineering) (Agricultural engineering)

ZAMARIN, Yevgeniy Alekseyevich, prof.; FANDEYEV, Vasiliy Vasil'yevich, dotsent; LETNEV, B.Ya., red.; MAKHOVA, N.N., tekhn.red.; ZUBRILINA, Z.P., tekhn.red.

[Hydraulic structures] Gidrotekhnicheskie sooruzheniia. Izd.4. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 623 p. (MIRA 13:5)

(Hydraulic structures)

FANDEYEV, V.V., kand.tekhn.nauk, dotsent

Development in the U. S. S. R. of research on the hydraulics of the water supply dams with bottom grates. Izv. TSKhA no.4:189-200 '61. (MIRA 14:9)

(Dams)

FANDEYEV, V.V., dots.

[Water intake structures combined with spillway dams; a manual for a course and project] Vodozabornye sooruzheniia, sovmeshchennye s vodosbrosnymi plotinami; uchebnoe posobie dlia kursovogo i diplomnogo proektirovaniia. Moskva, Mosk. ordena Lenina sel'skoz. akad., 1963. 20 p. (MIRA 17:9)

ZAMARIN, Ye.A., prof.; FANDEYEV, V.V., dots.; KRAVTSOV, G.Ya., red.

[Hydraulic engineering structures] Gidrotekhnicheskie sooruzheniia. 5. izd. Moskva, Kolos, 1965. 622 p.
(MIRA 18:5)

L 18988-63 EWT(1)/BDS/EED-2 ASD/ESD-3/AFMTC/APGC/AFWL/IJP(C)/SSD
PI-4 CC

ACCESSION NR: AP3005687 S/0146/63/006/004/0145/0150

AUTHOR: Pekker, I. I.; Fandeyev, Ye. I.; Shukshunov, V. Ye.

TITLE: Radiation-type temperature detector for moving surfaces

SOURCE: IVUZ. Priborostroyeniye, v. 6, no. 4, 1963, 145-150

TOPIC TAGS: temperature detector, radiation temperature detector, NPI temperature detector

ABSTRACT: Investigations made by the authors revealed that, when the radiation factor of the surface in question is sufficiently stable, use of radiation-type temperature detectors (even at 50-200C) is very efficient. An NPI temperature detector developed by the authors (in cooperation with Engineer B. N. Vasil'yev, mechanics R. P. Khokhlachev and A. A. Khodakov, and laboratory worker A. M. Bazy*kina) is a total-radiation pyrometer insensitive to high humidity, aggressive gases, vibration, or shock. The general appearance and construction

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L 18988-63

ACCESSION NR: AP3005687

(drawing) of the NPI instrument are presented. Laboratory and industrial tests of experimental models showed that their error is ±2.5% or less of full scale with the ambient temperature variation within 20-50C. Orig. art. has: 3 figures and 8 formulas.

ASSOCIATION: Novocherkasskiy politekhnicheskiy institut im. Sergo Ordzhonikidze (Novocherkassk Polytechnic Institute)

SUBMITTED: 06Jan63 DATE ACQ: 06Sep63 ENCL: 00

SUB CODE: IE NO REF SOV: 003 OTHER: 002

Card 2/2

FANDEYEV, Yevgeniy Ivanovich; SHUKSHUNOV, Valentin Yefimovich

Gage for measuring the temperature of a porous moving material. Izv. vys. ucheb. zav. elektromekh. 7 no.4:515-518 '64 (MIRA 17:7)

1. Starshiye inzhenery nauchno-issledovatel'skoy laboratorii avtomatizatsii proizvodstvennykh protsessov Novocherkasskogo politekhnicheskogo instituta.

FANDEYEV, Yevgeniy Ivanovich; SHUKSHUNOV, Valentin Yefimovich

Choice of material for bolometer-type sensitive wire elements of radiation pyrometers. Izv. vys. ucheb. zav.; elektromekh. 7 no.5:636-637 '64. (MIRA 17:9)

1. Starshiye inzhenery nauchno-issledovatel'skoy laboratorii avtomatizatsii proizvodstvennykh protsessov Novocherkasskogo politekhnicheskogo instituta.

SHUKSHUNOV, Valentin Yefimovich; FANDEYEV, Yevgeniy Ivanovich

Automatic electronic writing device performing the division of two differences. Izv. vys. ucheb. zav.; elektromekh. 7 no.8:1026-1027 '64. (MIRA 17:10)

1. Starshiye inzhenery nauchno-issledovatel'skoy laboratorii avtomatizatsii proizvodstvennykh protsessov Novocherkasskogo politekhnicheskogo instituta.

SHUKSHUNOV, Valentin Yefimovich; FANDEYEV, Yevgeniy Ivanovich

Use of analog computers in the study of the dynamic characteristics of temperature transmitters. Izv.vys.ucheb.zav.; elektromekh 7 no.12:1483-1490 '64. (MIRA 18:2)

1. Starshiye inzhenery nauchno-issledovatel'skoy laboratorii avtomatizatsii proizvodstvennykh protsessov Novocherkasskogo politekhnicheskogo instituta.

SHUKSHUNOV, Valentin Yefimovich, aspirant; FANDEYEV, Yevgeniy Ivanovich, aspirant

Determination of the coefficients of transfer functions of heat receivers. Izv.vys.ucheb.zav.; elektromekh. 8 no.3:336-341 '65. (MIRA 18:5)

1. Kafedra izmeritel'noy tekhniki Novocherkasskogo politekhnicheskogo instituta.

FANDEYEV, Yevgeniy Ivanovich, aspirant; SHUKSHUNOV, Valentin Yefimovich, aspirant

Manufacture of small helical heat registering sensitive wire elements. Izv.vys.ucheb.zav.; elektromekh. 8 no.7:832-833 '65. (MIRA 18:8)

1. Kafedra izmeritel'noy tekhniki Novocherkasskogo politekhnicheskogo instituta.

L 13165-66 EWT(1) IJP(c) CC

ACC NR: AP6002462 SOURCE CODE: UR/0144/65/000/012/1425/1426

AUTHOR: Fandeyev, Yevgeniy Ivanovich (Aspirant) 27B

ORG: Department of Measuring Techniques, Novocherkassk Polytechnic Institute (Kafedra izmeritel'noy tekhniki Novocherkasskogo politekhnicheskogo instituta)

TITLE: Investigation of dynamic properties of wire-wound bolometric detectors of thermal radiation

SOURCE: IVUZ. Elektromekhanika, no. 12, 1965, 1425-1426

TOPIC TAGS: radiation pyrometer, bolometer, heat flux pickup

ABSTRACT: The author analyzes the characteristics of a bolometer 25B when used as a pyrometer radiation detector under near-equilibrium conditions, when the Fourier heat-conduction equation can be approximated by a single exponent. An experimental setup is described in which the temperature transient response of the bolometer can be determined by applying a unit temperature-difference step and determining the transfer function. By representing the transfer function as the Laplace transform of a simple exponential equation, it is possible to determine the time constant of the detector from the response function. Dimensional data are given for a bolometer design in which the time constant is nearly proportional to the coil diameter. The author thanks Engineer A. P. Baranenko and Mechanic R. P. Khokhlachev for help with the work. Orig. art. has: 2 figures. [02]

SUB CODE: ID, 09/ SUBM DATE: 22Jun65/ ORIG REF: 004/ ATD PRESS: 4182

Card 1/1 HW UDC: 621.396.621+621.397.62

MIRKIN, I.L., doktor tekhn.nauk, prof.; FANTAYEVA, M.I., inzh.

Properties of cast austenitic alloys with intermetallic hardening. [Trudy] TSNIITMASH 101:178-191 '61. (MIRA 14:10)
(Steel alloys--Hardening) (Intermetallic compounds)

FANDEYEVA, V.I., inzhener-geolog.

Engineering and geological investigations of ore deposits in the Kursk magnetic anomaly. Gor.zhur. no.11:16-18 N '56. (MLRA 10:1)

1. Laboratoriya gidrogeologicheskikh problem Akademii nauk SSSR.
(Kursk Province--Iron mines and mining)

FANDEYEVA, V.I.

Dividing the Kursk magnetic anomaly into engineering geology regions on the basis of pit workings of deposits. Biul.MOIP. Otd.geol. 32 no.1:126 Ja-F '57. (MLRA 10:5)
(Kursk Province) (Engineering geology)

PANDYTIVA, V.I., Cand Geol-Min Sci--(diss) "Engineering-Geological ~~[illegible]~~ regionalization of the territory of the Kursk magnetic anomaly under conditions of open ~~working~~-pit mining of concentrated ores." Mos, 1958. 15 pp (Acad Sci USSR. Laboratory of Hydrogeological Problems im F.P. Savarenskiy), 120 copies (KL,[illegible],109)

-48-

SLAVYANOV, V.N.; FANDEYEVA, V.I.

Predicting aspects of engineering geology in opening and developing deposits in the Kursk Magnetic Anomaly. Mat. po geol. i pol. iskop. tsentr. raion. evrop. chasti SSSR no.2:174-186 '59. (MIRA 13:9)

1. Laboratoriya gidrogeologicheskikh problem AN SSSR.
(Kursk Magnetic Anomaly--Engineering geology)

KISSIN, I.G.; KULIBABA, F.V.; PAFFENGOL'TS, N.K.; POPOV, I.V., doktor geol.-mineral.nauk; SLAVYANOV, V.N.; SOKOVICH, L.M.; FANDEYEVA, V.I.; BOGOMOLOV, G.V., retsenzent; KOTLOV, F.V., retsenzent; PANYUKOV, P.N., retsenzent; PRIKLONSKIY, V.A., retsenzent; SOKOLOV, N.I., retsenzent

[Conditions in the area of the Kursk Magnetic Anomaly from the point of view of engineering geology and hydrogeology; data on the development of deposits using the open-pit mining method] Inzhenerno-geologicheskie i gidrogeologicheskiy usloviia raiona kurskoi magnitnoi anomalii. Moskva, Izd-vo Akad. nauk SSSR, 1960, 165 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, no.28)

(Kursk Magnetic Anomaly--Mining geology)

FANDO, Timofey Kirillovich; GURIN, N., red.; SIDERKO, N., tekhn. red.

[Business accounting in a construction brigade] Khozraschet v stroitel'noi brigade. Minsk, Gos.izd-vo BSSR, 1963. 34 p. (MIRA 17:1)

1. Brigadir vtorogo stroitel'nogo upravleniya Minskogo tresta No.1 (for Fando).

FANDREY, S. A.

Fandrey, S. A. "Ionts phoresis of dionin for scar healing," Trudy Leningr. obl. gospitalya dlya lecheniya invalidov Otechestv. voyny, Leningrad, 1948, p. 186-92

SO: U-3850, 16 June 53, (Letopsis 'Zhurnal 'nykh Statey, No. 5, 1949)

S/137/63/000/002/033/034
A006/A101

AUTHOR: Fandrikh, Z. A.

TITLE: The effect of tungsten upon the colorimetric determination of rhenium

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1963, 4, abstract 2K19 ("Tr. Kazakhsk.n.-i. in-ta mineral'n. syr'ya", 1961, no. 6, 192 - 195)

TEXT: The author investigated the transition of WO_3 into a solution during the sintering of a sample with CaO and subsequent lixiviation of the cake with water. He studied also the limit of the WO_3 content in the volume, to be subjected to colorimetric analysis, which prevents the determination of Re in colorimetry with rhodanide and methyl violet. It was established that in caking with CaO and aqueous lixiviation of samples, containing up to 0.5% WO_3, 12 to 13 γ WO_3 goes over into the solution; at a content of about 20% WO_3, 300 - 500 γ WO_3 goes over into the solution. In determining Re by the rhodanide method, the amounts of $WO_3 > 10$ γ cause a green shade on the Re rhodanide, which is par-

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ticularly noticeable at a low Re content. The presence of $\geqslant 15\ \gamma\ WO_3$ in the volume to be colorimetrically analyzed, prevents the determination of Re by the rhodanide method. In colometry of Re with methyl violet the permissible limits of WO_3 content are much wider. The W complex with methyl violet is not soluble in water and does not pass over into an organic layer (benzene or toluene) during extraction, being distributed between the organic and aqueous phases. In case of a WO_3 content in the solution as high as $100\ \gamma/25$ ml and more, Re losses (20 - 30% of its content) are observed.

A. Astanina

[Abstracter's note: Complete translation]

FANDYUSHINA, S. M.

PA 171T66

USSR/Geophysics - Seismology Nov/Dec 50

"Frequency of Earthquakes," A. A. Lyapunov, and S. M. Fandyushina, Geophys Inst, Acad Sci USSR

"Iz Ak Nauk SSSR, Ser Geog i Geofiz" Vol XIV, No 6, pp 547-553

Analyzes time sequence of appearance of earthquakes which either had close centra or were aftershocks of some large earthquake. Established there is connection for the 1st; i.e., after some earthquake, probability of another

171T66

USSR/Geophysics - Seismology (Contd) Nov/Dec 50

occurring is increased. No such connection observed for 2d type; average frequency of aftershocks is quite variable. Submitted by Acad A. N. Kolmogorov 13 May 50.

171T66

Fedyushkin, S. M.

"Tidal Tilts of the Earth According to the Observations in 1958 in Kondara (Near Stalinabad)" by the Soviet scientists, A. [illegible] Ostrovskiy, A. B. Zakhrushin, and L. I. [illegible] ([illegible] English)

"Tidal Tilts of the Earth According to the Observations in Ashkhabad in 1957 and 1958" by the Soviet scientists, A. E. Ostrovskiy, E. P. Zaitchev, and S. M. Fedyushkin ([illegible] English)

"Results of Observations of Tidal Tilts of the Earth's Surface by Means of a Photoelectric Tiltmeter in Kaunas in September-December, 1957" by Soviet scientists, A. Ostrovskiy, A. [illegible], and [illegible] Mironova ([illegible] English)

"Observations of the Tidal Tilts of the Earth by Means of a Photoelectric Tiltmeter in Poltava, [illegible]" by the Soviet scientists, A. Ostrovskiy, P. Patrovich, and [illegible] ([illegible] English)

"Tidal Variations of Inclination in Alma-Ata" by the Soviet scientists, N. E. Parivskiy, E. P. Fedorov, D. [illegible], M. V. Kramer, and S. P. [illegible] (10 pp. English)

"Observations of Tidal [illegible] in Kuntsevo, Pskov (Near Moscow)" by E. M. Parivskiy, E. P. [illegible], [illegible] P. Fedorov, M. V. Kramer, B. D. Belikov, and N. P. [illegible] ([illegible] English)

Papers Presented at First Meeting of Permanent Commission on Earth Tides, Trieste, Italy, 6-11 July 1959, under the sponsorship of the Intl Union of Geodesy and Geophysics (IUGG).

22405
S/035/61/000/005/042/042
A001/A101

3,1800

AUTHORS: Ostrovskiy, A.Ye., Ionychev, N.N., Fandyushina, S.M.

TITLE: Earth's tidal inclines according to observations at Ashkhabad in 1957 - 1958

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 5, 1961, 33, abstract 5G218 (V sb. "Gravimetr. issledovaniya", no. 1, Moscow, AN SSSR, 1960, 49 - 52, Engl. summary)

TEXT: Observations of inclines were conducted in a shallow basement poorly isolated from temperature fluctuations of the outdoor air. Inclinometers with photoelectric recording were installed in two azimuths: North-South and East-West. Six monthly series out of two-year observations were utilized for harmonic analysis. It follows from the results presented that diurnal waves were very strongly affected by temperature inclines. The following results were obtained for the main wave M_2 of the lunar-solar tides: in the North-South component $\gamma = 0.515 \pm 0.021$
in the East-West component $\gamma = 0.855 \pm 0.049$.

[Abstracter's note: Complete translation] B. Pertsev

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22403

3,1800

S/035/61/000/005/040/042
A001/A101

AUTHORS: Ostrovskiy, A.Ye., Matveyev, P.S., Fandyushina, S.M.

TITLE: Observations of Earth's tidal inclines at Poltava in 1958

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 5, 1961, 33, abstract 5G216 (V sb. "Gravimetr. issledovaniya", no. 1, Moscow, AN SSSR, 1960, 53 - 56, Engl. summary)

TEXT: Observations were conducted at the Poltava Gravimetric Observatory where two series of many-year observations of tidal inclines were carried out previously. Variations of inclines were measured by inclinometers with photoelectric recording in two azimuths: North-South and East-West. Four monthly series of observations were processed. The following results of the lunar wave M_2 were obtained:

in the North-South component $\gamma = 0.642 \pm 0.021$

in the East-West component $\gamma = 0.616 \pm 0.048$

The former observational series yielded respectively $\gamma = 0.727$ and $\gamma = 0.658$. The

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22403

Observations of Earth's tidal inclines ... S/035/61/000/005/040/042
A001/A101

divergence in the East-West component is within the error limits, but in the North-South component it is beyond them. A non-exact coincidence of observational points may serve as a possible explanation of this divergence.

B. Pertsev

[Abstracter's note: Complete translation]

Card 2/2

MAIER, N., Dr.; LENGHEL, L., dr.; MARGINEANU, C., dr.; PETRESCU, R., dr.; FANEA, E., dr.; CIUPE, M., dr.

Epidemiological and immunological role of natural sources of water in conditions of specific contamination. Rev. igiena microb. epidem., Bucur. Vol.3:19-35 July-Sept 55.

1. Lucrare executatu in Institutul de Igiena, filiala Cluj si Filiala Cluj a Inst Dr. I Cantacuzino.

(WATER SUPPLY
contamination by sewage & waste from indust. plants causing epidemics of dysentery, typhoid & paratyphoid fever, in Rumania.
(SEWAGE
contamination of river water supply causing epidemics of dysentery, typhoid & paratyphoid fever, in Rumania.
(TYPHOID FEVER, epidemiol.
transm. by contamination of water supply by sewage, epidemiol. & immunol. study in Rumania.
(PARATYPHOID FEVERS, epidemiol.
(SAME)
(DYSENTERY
caused by contamination of water supply by sewage, epidemiol. & immunol. study in Rumania.

EXCERPTA MEDICA Sec 4 Vol 12/3 Med. Micro. Mar 59

917. DISTRIBUTION OF PHAGE TYPES OF S. TYPHI IN TRANSYLVANIA - Contribuţii la studiul repartizării tipurilor fagice de Salmonella typhi pe teritoriul Transilvaniei - Fanea E. and Părău-Moldovan T. Inst. de Ig. R. P. R. Filiala Cluj - CLUJUL MED. 1957, 29/2 (189-204)

Lysotyping of S. typhi strains isolated from 1474 patients and healthy carriers revealed 14 monovalent types, with predominance of the types A, D_1, E_1 and F_1.

CAPRIOARA, D., prof.; COJA, N., conf.; SASU, V., conf.; RUSU, C.; IDU, V.; FANEA, E.; TURCAS, S.

Staphylococcal infections in gynecology and obstetrics. Microbiologia (Bucur) 6 no.1:22-23 Ja-F '61.

CAPRIOARA, D., prof.; TONTE, E.; POP, E.; FANEA, E.; TOMA, L.; ROSENBERG, O.

Aspects of the staphylococcal infection of the newborn in the Cluj Gynecologic and Obstetric Clinic. Microbiologia (Bucur) 6 no.1:27-28 Ja-F '61.

DUMITRU, Caprioara, Prof. Dr.; MENYASZ, Emil, Dr.; KESE, Gyorgy, Dr.; FANEA, Emilian, Dr.

Report on the genital tuberculosis cases of the Gynecological Clinic of Kolozsvar (Cluj) with special regard to diagnostic and therapeutic methods. Magy. noorv. lap. 21 no.3:125-130 June 58.
(TUBERCULOSIS, FEMALE GENITAL
diag. & ther. (Hun))

FANDEYEVA, V.I.

New regionlization maps of the Kursk Magnetic Anomaly. Biul.MOIP.Otd. geol. 35 no.4:145-146 Jl-Ag '60. (MIRA 14:4)
(Kursk Magnetic Anomaly--Geology--Maps)

ZAKHAROV, P. (Leningrad); LOZIKOV, G., aviatekhnik (Dushanbe); FINOGENOV, N. (Petrozavodsk); FANDIKOV, V., komandir samoleta (Urgench); TUKOV, V.

Brief news. Grazhd. av. 20 no.9:25 S '63. (MIRA 16:8)

1. Nachal'nik shtaba Estonskoy otdel'noy aviatsionnoy gruppy (for Tukov).

(Aeronautics)

VOROB'YEVA, Antonina Vasil'yevna. Prinimali uchastiye: BARANOV, D.A., mladshiy nauchnyy sotrudnik; FANENKO, P.M., mladshiy nauchnyy sotrudnik; CHEKHUTOVA, V., red.; DANILINA, A., tekhn.red.

[Problems in economizing raw materials and supplies in industry] Voprosy ekonomii syr'ia i materialov v promyshlennosti. Moskva, Gos.izd-vo polit.lit-ry, 1958. 269 p. (MIRA 12:5)

1. Institut ekonomiki AN SSSR (for Baranov, Fanenko).
(Efficiency, Industrial)

BELOZOROV, P.T.; FANENSHTIL', M.I.; NAKHMANSON, T.L. (Khar'kov)

Changes in the cerebrospinal fluid in patients with tuberculous meningitis during streptomycin therapy. Vrach.delo no.5:531-533 My '57. (MLRA 10:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut tuberkuleza
(CEREBROSPINAL FLUID) (MENINGES--TUBERCULOSIS)
(STREPTOMYCIN)

FANFARONI, F.D.; BOGACHEV, G.S.; BELOUSOV, V.K.

Foliar feeding of winter crops. Zemledelie 26 no.8:42-50 Ag '64. (MIRA 17:11)

1. Armavirskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta mekhanizatsii sel'skogo khozyaystva (for Fanfaroni, Bogachev). 2. Glavnyy agronom kolkhoza imeni Lenina Novokubanskogo rayona, Krasnodarskogo kraya (for Belousov).

ACC NR: AP6035746 (A) SOURCE CODE: UR/0413/66/000/019/0109/0109

INVENTORS: Balandin, M. P.; Volosatov, A. K.; Antonenko, I. Ya.; Bushteto, P. P.; Zhirnov, A. I.; Ivanov, Yu. V.; Kruglyakov, M. L.; Mordukhovich, A. I.; Popov, F. K.; Smetnev, S. D.; Fanfaroni, F. I.; Shcherbakov, A. M.; Krivoshey, M. N.

ORG: none

TITLE: A device for broadcasting pesticides and meliorating substances. Class 45, No. 186787 [announced by All-Union Scientific Research Institute for Mechanization of Agriculture (Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 109

TOPIC TAGS: agricultural machinery, agricultural engineering, broadcasting operation, pesticide, fertiliser

ABSTRACT: This Author Certificate presents a device for broadcasting pesticides and meliorating substances. The device contains a tank divided into sections, broadcasting mechanisms, receiving chambers of the fertiliser duct, and a driving mechanism. To provide for a uniform broadcasting of a material, the broadcasting mechanisms are made in the shape of cones mounted on a common shaft carrying a spiral with the opposite direction of coil loops. Every revolving cone may be spring loaded and may

UDC: 631.333.9

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ACC NR: AP6035746

be contained, together with a receiving chamber, in a common casing.

SUB CODE: 02, 06/ SUBM DATE: 23Apr65

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L 8190-66 EWT(1)/T IJP(c) AT

ACCESSION NR: AP5018473 CZ/0055/65/015/007/0526/0528

44,55 44,55

AUTHOR: Tomkova, E.; Fanhrich, J.

21,44,55

TITLE: Influence of ultraviolet radiation on a thermionic converter

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 7, 1965, 526-528

TOPIC TAGS: UV irradiation, thermoelectric converter, cesium, temperature dependence, pressure effect, space charge

ABSTRACT: The purpose of the investigation was to obtain a source of positive ions to cancel out the space charge of the electrons in a thermionic energy converter operating with a low-temperature cathode (near 1000C). The authors describe tests in which the ions were provided by cesium vapor exposed to ultraviolet radiation. The experimental setup is shown in Fig. 1 of the Enclosure. The system was kept in a vacuum of 10^{-6} mm Hg, and the vapor pressure of the cesium could be controlled by varying the temperature of the furnace in which the entire assembly was kept. The results showed that the converter produces a maximum current at a cathode temperature below 1000C, and that an increase in the temperature leads to a decrease in the current. The reason for it is that the number of ions produced by photo ionization of the cesium is effective only up to a certain current density. At

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higher temperature of the cathode (at higher termionic emission density) the space charge of the ions becomes negligible compared with the space charge of the electrons and its influence diminishes. Further tests with more intense ultraviolet light are planned. Orig. art. has: 3 figures.

ASSOCIATION: Faculty of Mathematics and Physics, Charles University, Prague, Czechoslovakia

SUBMITTED: 07Nov64 ENCL: 01 SUB CODE: EE

NR REF SOV: 000 OTHER: 000

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L 8190-66

ACCESSION NR: AP5018473

ENCLOSURE: 01

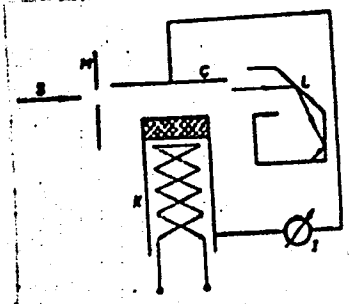

Fig. 1. Diagram of electrode system. C — collector, K — cathode, L — light trap, M — slot, I — milliammeter, S — direction of incident radiation.

nw

Card 3/3

FANIN, A. Ya., Cand Tech Sci -- (diss) "Automatic Control of the Insulation of ~~the~~ Networks ~~of~~ Trunk Signallization." Len, 1957. 16 pp with ~~graph~~ diagrams (Min of Higher Education USSR, Len Order of Lenin and Labor Red Banner Mining Inst im G. V. Plekhanov, Chair of Mining Electrical ~~Technology~~ Engineering), 100 copies (KL, 47-57, 88)

39

YAMIN, A.Ya.

Measuring insulation resistance of shaft signalization systems under stress. Gor.zhur. no.9:55-59 S '57. (MLRA 10:9)

1. Leningradskiy gornyy institut.
(Mine hoisting--Safety appliances) (Electricity in mining)

SOV/112-59-1-1274

8(0)

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 1, p 171 (USSR)

AUTHOR: Fanin, A. Ya., engh.

TITLE: Automatic Monitoring of Insulation of Electric Networks

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Gornyy zh., 1958, Nr 1, pp 147-156

ABSTRACT: The Leningrad Mining Institute developed a scheme for automatically monitoring the insulation of shaft-type signal networks. The network being monitored comprises two conductors carrying a single-phase alternating current. Between the conductors and ground, two identical circuits are connected; each circuit comprises a series-connected milliammeter, a relay, and a diode. The insulation resistance is demonstrated by the current flowing in the monitoring circuit. Similarly, another such circuit monitors the insulation resistance of the second conductor. The circuit parameters are so proportioned that at 30 ma, a relay operates, turns off the circuit and signals the fault. The milliammeter is calibrated in ohms which permits reading the

Leningrad Mining Institute

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SOV/112-59-1-1274

Automatic Monitoring of Insulation of Electric Networks

insulation resistance at any time. The diodes are connected anode-to-ground which increases the insulation resistance because the measuring current brings about an electrolysis resulting in pocrly-conducting oxide films at the point of fault. In wiring the signaling system by means of cables, the capacitive leakage currents must be compensated for lest they cause faulty operation, a gas explosion, etc. To compensate these currents, the above scheme is supplemented by a filter consisting of choke coils and a capacitor. Bibliography: 5 items.

M.A.U.

Card 2/2

SOV/143-58-11-5/16

9(3), 28(1)

AUTHORS: Fanin, A.Ya., Candidate of Technical Sciences, Kochetkov, V.D., Engineer (Gorlovka, Donbass)

TITLE: The Automatic Insulation Control of DC Networks

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Energetika, 1958, Nr 11, pp 39-43 (USSR)

ABSTRACT: The existing automatic devices controlling the insulation resistance of dc networks have the disadvantages that they perform the periodic insulation control measurements of current conducting wires at time intervals of several seconds and have mechanically operated components. The function of existing devices consists of measuring the insulation resistance of conductors in regard to ground without removing the voltage of the network controlled. Some devices are based on the principle of subsequent connection of the control instrument relay between conductors and ground. This principle is shown in figure 1. Devices of another type control the condition of the insulation of two wires simultaneously. Figure 2 shows the operating

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characteristics of the existing automatic insulation control devices which deviate considerably from the ideal characteristic, the latter is indicated by a dash-and-dot line. The author suggests a device which controls automatically the insulation condition of the positive and the negative conductor in regard to ground at a speed of 20 microseconds, which is 1,500 times faster than an analoguous German device [Ref 3] performing this control within 30 seconds. The working characteristic of the author's device approaches the ideal characteristic and does not pass current higher than an established level. The author explains briefly a non-linear circuit with two e.m.f. sources and describes the functioning of the suggested circuit. Figure 4 shows the principal circuits of this device. The transformer is fed from the ac network with 50 cycles or from a transistorized LF generator. DG-Ts-27 diodes are used as rectifier elements. In case an insulation fault is detected the operating personnel are warned of the insulation reduction. Magnetic amplifiers working in relay circuits may be used in-

stead of electromagnetic relays. The authors then describe the experimental investigation of this automatic insulation control device. Figure 5 shows oscillograms obtained with an MPO-2 oscillograph of the relay function. The experimental data show that the device will always function when the insulation resistance is reduced to a critical value. This gives reason to the conclusion that the operating characteristic will practically coincide with the ideal one. The authors arrive at the following conclusion: The automatic control device performs independently the control of the insulation resistance of the plus and minus conductors. It is reliable due to the great back resistance of the diodes, separating it from the network and which do not pass current higher than the permissible rating. The device is suitable for controlling the insulation of dc networks located in environments endangered by gas or dust and explosives.

The Automatic Insulation Control of DC Networks SOV/143-58-11-5/16

There are 2 circuit diagrams, 2 graphs, 1 oscillogram, 1 table and 6 references, 4 of which are Soviet and 2 German.

ASSOCIATION: Severo-Kavkazskiy gornometallurgicheskiy institut (North Caucasian Metallurgical and Mining Institute) Kafedra obshchey i spetsial'noy elektrotekhniki (Chair of General and Special Electrical Engineering)

SUBMITTED: June 13, 1958

Card 4/4

FANIN, A.Ya., kand. tekhn. nauk; KOCHETKOV, V.D., inzh.

Differential method of continuous control of the condition of the insulation. Sbor. DonUGI no.31:65-74 '63.

Sensitivity of leakage relay. Ibid.:74-78

Leakage relay working on dropout and as a type of leakage blocking relay. Ibid.:78-80

Apparatus for controlling the insulation of separate phases of a three-phase network. Ibid.:80-84

Leakage relay for direct currant networks. Ibid.:84-97
(MIRA 17:10)

FANIK, F.S.

Automatic starting and stopping of the ST-35 apparatus. Avtom., telem. i sviaz' 2 no.9:34-35 S '58. (MIRA 11:10)

1. Starshiy inzh. proizvodstvenno-eksperimental'nogo tsekha TSentral'noy stantsii svyazi Ministerstva putey soobshcheniya.
(Railroads--Electric equipment)

FANIN, G. (selo Mikolayevo, Odesskaya oblast')

Shock absorber for a motorcycle. Za rul. 18 no.8:22 Ag '60. (MIRA 13:9)

(Motorcycles--Shock absorbers)